



Timothy Brandenburg
Drilling Manager

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SCANNED
KN 1/26/12 AK
2339.48.015

January 19, 2012

Director, Office of Compliance and Enforcement
Attention: Data Entry Staff
United States Environmental Protection Agency, Region 10
1200 Sixth Avenue, OCE-133
Seattle, WA 98101

RECEIVED

JAN 23 2012

DEC
Division of Water Quality
Wastewater Discharge Program

RETURN RECEIPT REQUESTED - CERTIFIED MAIL 91 7011 2970 0001 9276 5632

Re: NPDES Permit No. AKG-31-5001
Granite Point Tank Farm December 2011 Discharge Monitoring Reports (DMR)

To whom it may concern:

Union Oil Company of California ("Union") operates the Granite Point Tank Farm that discharges regulated effluents in Cook Inlet, Alaska under NPDES Permit No. AKG-31-5001. Pursuant to condition VI.B of the Permit, Union Oil Company of California is hereby submitting the December 2011 NPDES Discharge Monitoring Reports (DMRs) for the Granite Point Tank Farm.

Please take note that Union is using the forms provided by EPA with corrections to accommodate the reporting that is required by the permit. The corrections were approved by your Data Steward in an e-mail to Marilu Moreno-Jones dated September 3, 2010. Union plans to use this same format for our future DMR submittals.

Consistent with the authorization in your e-mail of September 16, 2010, this letter certifies all of the 5 pages of DMRs for Granite Point Tank Farm attached to this letter.

If you have any questions, please direct them to Mr. Rodney Bailey at (432) 687-7123 or via e-mail at bailerg@chevron.com.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Best regards,



Timothy Brandenburg

cc: ADEC / Certified Mail 91 7011 2970 0001 9276 5649

**Director, Office of Compliance and Enforcement
US Environmental Protection Agency
January 19, 2012
Page 2**

**bcc: Susan Saupe, CIRCAC
Facility Operations Supervisors
HES 2011 NPDES DMR – GPTF File
HES 2011 NPDES DMR – REGIONAL File
Patrick Moore, Exxon-Mobile**

**NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)**

Form Approved
OMB No. 2040-0004

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)

NAME: UNION OIL COMPANY OF CALIFORNIA (UNOCAL)
ADDRESS: P.O. BOX 196247
 ANCHORAGE, AK 99519-6247
FACILITY: GRANITE POINT TANK FARM
LOCATION: COOK INLET, Alaska
ATTN: JOHN ZAGER, GENERAL MANAGER

AKG315001
PERMIT NUMBER

015-A
DISCHARGE NUMBER

MONITORING PERIOD

MM/DD/YYYY	MM/DD/YYYY
12/01/2011	12/31/2011

DMR Mailing ZIP CODE: 99519
 MINOR (SUBR 02)
 PRODUCED WATER AND SAND
 External Outfall

No Discharge ☒ X

PARAMETER	SAMPLE MEASUREMENT	QUANTITY OR LOADING			QUALITY OR CONCENTRATION			NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE			
pH	MEASUREMENT	*****	*****	*****	*****	*****	*****			
00400 V 0	PERMIT REQUIREMENT	*****	*****	*****	6	*****	9		Monthly	GRAB
See Comments	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****	*****			
00400 W 0	PERMIT REQUIREMENT	*****	*****	*****	6	*****	9		Weekly	GRAB
See Comments	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****	*****			
Oil and grease	PERMIT REQUIREMENT	*****	*****	*****	29	*****	42		Weekly	GRAB
See Comments	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****	*****			
Oil and grease	PERMIT REQUIREMENT	*****	*****	*****	29	*****	42		Weekly	GRAB
See Comments	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****	*****			
03582 U 0	PERMIT REQUIREMENT	*****	*****	*****	29	*****	42		Weekly	COMP24
See Comments	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****	*****			
Flow, in conduit or thru treatment* plant	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	*****		Monthly	ESTMA
See Comments	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****	*****			
50050 1 0	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	*****		Monthly	ESTMA
See Comments	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****	*****			
Produced water, free oil	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	*****		Daily	VISUAL
See Comments	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****	*****			
79834 1 0	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	*****			
See Comments	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****	*****			

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	John Zager, General Manager Mid Continental/Alaska Business Unit	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE (907) 276-7600	DATE 01/19/2012
COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)	<p>NO DISCHARGE OF PRODUCED SAND IS ALLOWED</p> <p>*Granite Point Tank Farms outfall was shut in due to freezing conditions on 11/25/2011. Discharges will recommence after the spring thaw.</p>			

NO DISCHARGE OF PRODUCED SAND IS ALLOWED
 T = GRAB SAMPLE
 U = COMPOSITE SAMPLE
 V = DISCHARGE < 1 MGD (PREVIOUS MONTHS AVG RATE)
 W = DISCHARGE > 1 MGD (PREVIOUS MONTHS AVG RATE)

EPA Form 320-1 (Rev. 01/08) Previous editions may be used

1-800-368-6868

No Discharge	<input checked="" type="checkbox"/>
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NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	
John Zager, General Manager Mid Continental/Alaska Business Unit	
TYPED OR PRINTED	
COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)	
I hereby make penalty of law that this document and all attachments were prepared under my direction or supervision and I am duly empowered to sign it. I understand and warrant that qualified personnel properly gather and evaluate the information submitted. Based on my best knowledge and belief, the information submitted is true, complete, and correct, and complies with the requirements of the laws and regulations governing the collection, processing, storage, dissemination, retention, and disposal of information, including the possibility of false and deceptive statements for knowing violations.	
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	
TELEPHONE	DATE
(907) 276-7600	01/19/2012
AREA CODE	MANDATORY

Page 2 of 5

**NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)**

Form Approved
OMB No. 2040-0004

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)

NAME: UNION OIL COMPANY OF CALIFORNIA (UNOCAL)
ADDRESS: P.O. BOX 196247
 ANCHORAGE, AK 99519-6247
FACILITY: GRANITE POINT TANK FARM
LOCATION: COOK INLET, Alaska
ATTN: JOHN ZAGER, GENERAL MANAGER

AKG315001
PERMIT NUMBER

015-A
DISCHARGE NUMBER

MONITORING PERIOD	
MM/DD/YYYY	MM/DD/YYYY
12/01/2011	12/31/2011

DMR Mailing ZIP CODE: 99519
MINOR (SUBR 02)
PRODUCED WATER AND SAND
 External Outfall

No Discharge ☒ X

PARAMETER	SAMPLE MEASUREMENT	QUANTITY OR LOADING			QUALITY OR CONCENTRATION			NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	UNITS			
Copper, total recoverable	MEASUREMENT	*****	*****	*****	*****	*****	*****			
01119 1 0	PERMIT REQUIREMENT	*****	*****	*****	67	130	ug/L		Monthly	GRAB
Copper, total recoverable	SAMPLE MEASUREMENT	*****	*****	*****						
01119 P 0	PERMIT REQUIREMENT	*****	*****	*****	67	130	ug/L		Quarterly	GRAB
See Comments	SAMPLE MEASUREMENT	*****	*****	*****						
Copper, total recoverable	PERMIT REQUIREMENT	*****	*****	*****	67	130	DAILY MX		Weekly	GRAB
01119 Q 0	MEASUREMENT	*****	*****	*****						
See Comments	PERMIT REQUIREMENT	*****	*****	*****						
Manganese, total recoverable	SAMPLE MEASUREMENT	*****	*****	*****						
11123 1 0	PERMIT REQUIREMENT	*****	*****	*****	6.1	12.3	mg/L		Monthly	GRAB
Effluent Gross	MEASUREMENT	*****	*****	*****						
Manganese, total recoverable	SAMPLE MEASUREMENT	*****	*****	*****						
11123 P 0	PERMIT REQUIREMENT	*****	*****	*****	6.1	12.3	mg/L		Quarterly	GRAB
See Comments	SAMPLE MEASUREMENT	*****	*****	*****						
Manganese, total recoverable	PERMIT REQUIREMENT	*****	*****	*****						
11123 Q 0	MEASUREMENT	*****	*****	*****						
See Comments	PERMIT REQUIREMENT	*****	*****	*****						
Total Aromatic Hydrocarbons	SAMPLE MEASUREMENT	*****	*****	*****	6.1	12.3	mg/L		Weekly	GRAB
39942 1 0	MEASUREMENT	*****	*****	*****						
Effluent Gross	PERMIT REQUIREMENT	*****	*****	*****	14	20	mg/L		Monthly	GRAB

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		I certify under penalty of law that this document and all attachments were prepared under my direction or supervision and pursuant to the requirements of the law. I am not aware of any falsification of this document or any attachments.	
John Zager, General Manager Mid Continent/Alaska Business Unit		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	
TYPED OR PRINTED		TELEPHONE (907) 276-7600	
		DATE 01/19/2012	
COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)		AREA Code NUMBER	

P=MONT. REDUCE (II.G.6.a.1.)
 Q=MONT. INCREASE (II.G.6.a.2.)
 R=ACCELERATED TESTING (II.A.7)

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)

NAME: UNION OIL COMPANY OF CALIFORNIA (UNOCAL)
 ADDRESS: P.O. BOX 196247
 ANCHORAGE, AK 99519-6247
 FACILITY: GRANITE POINT TANK FARM
 LOCATION: COOK INLET, Alaska
 ATTN: JOHN ZAGER, GENERAL MANAGER

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
 DISCHARGE MONITORING REPORT (DMR)

Form Approved
 OMB No. 2040-0004

AKG315001	015-A
PERMIT NUMBER	DISCHARGE NUMBER

MONITORING PERIOD	
MM/DD/YYYY	MM/DD/YYYY
FROM 12/01/2011	TO 12/31/2011

DMR Mailing ZIP CODE: 99519
 MINOR (SUFR 02)
 PRODUCED WATER AND SAND
 External Outfall

No Discharge ☒

PARAMETER	SAMPLE MEASUREMENT	QUANTITY OR LOADING			QUALITY OR CONCENTRATION			NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	UNITS			
Total Aromatic Hydrocarbons	PERMIT	*****	*****	*****	*****	*****	*****			
39942 P 0	PERMIT	*****	*****	*****	*****	*****	*****			
See Comments	PERMIT	*****	*****	*****	*****	*****	*****			
Total Aromatic Hydrocarbons	PERMIT	*****	*****	*****	*****	*****	*****			
39942 Q 0	PERMIT	*****	*****	*****	*****	*****	*****			
See Comments	PERMIT	*****	*****	*****	*****	*****	*****			
Total Aqueous Hydrocarbons	PERMIT	*****	*****	*****	*****	*****	*****			
50259 1 0	PERMIT	*****	*****	*****	*****	*****	*****			
Effluent Gross	PERMIT	*****	*****	*****	*****	*****	*****			
Total Aqueous Hydrocarbons	PERMIT	*****	*****	*****	*****	*****	*****			
50259 P 0	PERMIT	*****	*****	*****	*****	*****	*****			
Effluent Gross	PERMIT	*****	*****	*****	*****	*****	*****			
Total Aqueous Hydrocarbons	PERMIT	*****	*****	*****	*****	*****	*****			
50259 Q 0	PERMIT	*****	*****	*****	*****	*****	*****			
Effluent Gross	PERMIT	*****	*****	*****	*****	*****	*****			
Mercury, total (as Hg)	PERMIT	*****	*****	*****	*****	*****	*****			
71900 1 0	PERMIT	*****	*****	*****	*****	*****	*****			
Effluent Gross	PERMIT	*****	*****	*****	*****	*****	*****			
Mercury, total (as Hg)	PERMIT	*****	*****	*****	*****	*****	*****			
71900 P 0	PERMIT	*****	*****	*****	*****	*****	*****			
See Comments	PERMIT	*****	*****	*****	*****	*****	*****			

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		TELEPHONE		DATE	
John Zager, General Manager		(907) 276-7600		01/19/2012	
Mid Continent/Alaska Business Unit		AREA CODE		NUMBER	
TYPED OR PRINTED		NUMBER		MM/DD/YYYY	
COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)					

P=MONT. REDUCE (II.G.6.a.1)
 Q=MONT. INCREASE (II.G.6.a.2)
 R=ACCELERATED TESTING (II.A.7)
 EPA Form 3320-1 (Rev. 3-108) Previous editions may be used

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

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OMB No. 2040-0004

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AKG315001
PERMIT NUMBER

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DISCHARGE NUMBER

MONITORING PERIOD
MM/DD/YYYY TO MM/DD/YYYY
12/01/2011 TO 12/31/2011

DMR Mailing ZIP CODE: 99519
MINOR (SUFR 02)
PRODUCED WATER AND SAND
External Outfall

No Discharge ☒

PARAMETER	SAMPLE MEASUREMENT	QUANTITY OR LOADING			QUALITY OR CONCENTRATION			NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	UNITS			
Mercury, total (as Hg)	PERMIT	*****	*****	*****	*****	*****	ug/l		Weekly	GRAB
71900 Q 0	PERMIT	*****	*****	*****	*****	*****	ug/l		Weekly	GRAB
See Comments	PERMIT	*****	*****	*****	*****	*****	ug/l		Weekly	GRAB
Toxicity, Chronic***	PERMIT	*****	*****	*****	*****	*****	ug/l		Weekly	GRAB
Dendroaster excentricus	PERMIT	*****	*****	*****	*****	*****	ug/l		Weekly	GRAB
TT000 1 0	PERMIT	*****	*****	*****	*****	*****	ug/l		Weekly	GRAB
See Comments	PERMIT	*****	*****	*****	*****	*****	ug/l		Weekly	GRAB
Toxicity, Chronic***	PERMIT	*****	*****	*****	*****	*****	ug/l		Weekly	GRAB
Meridia beryllina	PERMIT	*****	*****	*****	*****	*****	ug/l		Weekly	GRAB
TT000 1 0	PERMIT	*****	*****	*****	*****	*****	ug/l		Weekly	GRAB
See Comments	PERMIT	*****	*****	*****	*****	*****	ug/l		Weekly	GRAB
Toxicity, Chronic***	PERMIT	*****	*****	*****	*****	*****	ug/l		Weekly	GRAB
Mytilus galloprovincialis	PERMIT	*****	*****	*****	*****	*****	ug/l		Weekly	GRAB
TT000 1 0	PERMIT	*****	*****	*****	*****	*****	ug/l		Weekly	GRAB
See Comments	PERMIT	*****	*****	*****	*****	*****	ug/l		Weekly	GRAB
Toxicity, Chronic	PERMIT	*****	*****	*****	*****	*****	ug/l		Weekly	GRAB
TT000 R 0	PERMIT	*****	*****	*****	*****	*****	ug/l		Weekly	GRAB
See Comments	PERMIT	*****	*****	*****	*****	*****	ug/l		Weekly	GRAB
Toxicity, Chronic	PERMIT	*****	*****	*****	*****	*****	ug/l		Weekly	GRAB
TT000 Q 0	PERMIT	*****	*****	*****	*****	*****	ug/l		Weekly	GRAB
Effluent Gross	PERMIT	*****	*****	*****	*****	*****	ug/l		Weekly	GRAB

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	John Zager, General Manager		Mid Continental/Alaska Business Unit		TYPED OR PRINTED	
COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)						
**Section II.F.4 of the permit.						
***Granite Point Tank Farm conducted its annual three species WET testing in August 2011. Results were reported on the September 2011 DMR. Quarterly single species WET testing was conducted in October 2011 and results were reported on the October 2011 DMR.						
P=MONT. REDUCE (II.G.6.a.1.)						
Q=MONT. INCREASE (II.G.6.a.2.)						
R=ACCELERATED TESTING (II.A.7)						
EPA Form 3320-1 (Rev. 3/10/93) Previous editions may be used						

TELEPHONE	DATE
(907) 276-7600	01/19/2012
AREA CODE	NUMBER
	MM/DD/YYYY